

Abstract:

Method for Monitoring an Electrohydraulic Brake System for Motor Vehicles

In order to preclude the danger of injuring (danger of clamping) a person carrying out maintenance works at a brake system provided with a high-pressure accumulator during standstill without pedal application simultaneously with an active pressure build-up, a method with the following process steps is disclosed:

- deactivating of an electronic control associated with the charging operation of the high-pressure accumulator and carried out by the electronic regulation and control unit (16);
- closing of a separating valve (11) associated with a vehicle axle;
- opening of the inlet valves (17, 18) associated with the vehicle axle for the purpose of displacing pressure fluid into the wheel brakes (7, 8) of the vehicle axle, while additionally determining values (p , ΔV) representative of the hydraulic pressure introduced into the wheel brakes (7, 8) and the displacement of pressure fluid; and
- evaluating of the values for judging the condition of the wheel brakes (7, 8).

Figure 2